



## MR CAREER PATH (SW)



Machinery Repairmen perform intermediate maintenance on assigned equipment and in support of other ships, requiring the skillful use of lathes, milling machines, boring mills, grinders, the power hacksaw and drill press, and various portable machines as well as measuring instruments in a machine shop.

<b>YEARS OF SERVICE</b>	<b>CAREER MILESTONES</b>	<b>AVERAGE TIME TO PROMOTE</b>	<b>COMMISSIONING OR OTHER SPECIAL PROGRAMS</b>	<b>SEA/ShORE FLOW</b>	<b>TYPICAL CAREER PATH DEVELOPMENT</b>
24-30	MRCM	21.25 Yrs	CMC, Senior Enl Academy	36	4 <sup>th</sup> Shore Tour Billet: Training Manager, Instructor Duty: SWOS. Qualification: SEA.
21-24	MRCM MRCS	21.25 Yrs 21.5	CWO, CMC	36	4 <sup>th</sup> Sea Tour Billet: Dept. LCPO, 3MC. Duty: Ship. Qualification: SW, AW, DCTT, 3MTT, SEA, NEC 9517(3MC).
18-21	MRCS MRC	21.5 Yrs 14	CWO, CSC, DAPA, RDC, Recruiter	36	3 <sup>rd</sup> Shore Tour Billet: Dept LCPO, Instructor Duty: Schoolhouse, RTC, Recruiting, IMA/F, FRC. Qualification: MTS, SEA, NEC 9502 (Instructor).
15-18	MRC MR1	14 Yrs 9	CWO	36	3 <sup>rd</sup> Sea Tour Billet: LPO, LCPO, 3MC. Duty: Ship. Qualification: SW, AW, DCTT, 3MTT, SEA, NEC 9517 (3MC).
12-15	MRC MR1	14 Yrs 9	LDO, CWO, DAPA, Brig, RDC, Recruiter	36	2 <sup>nd</sup> Shore Tour Billet: MR Sup, Instructor, Duty: Recruiting, RTC, Schoolhouse, IMA/F, FRC. Qualification: MTS, SEA, NEC 9502 (Instructor).
8-12	MR1 MR2	9 Yrs 4	LDO	42	2 <sup>nd</sup> Sea Tour Billet: WCS, LPO, 3MC. Duty: Ship. Qualification: SW, AW, DCTT, NEC 9517 (3MC), NEC 4402 (Adv. MR), NEC 4404 (CNC).
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<b>YEARS OF SERVICE</b>	<b>CAREER MILESTONES</b>	<b>AVERAGE TIME TO PROMOTE</b>	<b>COMMISSIONING OR OTHER SPECIAL PROGRAMS</b>	<b>SEA/ShORE FLOW</b>	<b>TYPICAL CAREER PATH DEVELOPMENT</b>
5-8	MR2 MR3	4 Yrs 2.25	STA-21, OCS, Brig	36	1 <sup>st</sup> Shore Tour Billet: RDC, Recruiter, Instructor. Duty: Recruiting, Schoolhouse, IMA/F, FRC. Qualification: MTS, NEC 9502 (Instructor), NEC 4402 (Adv. MR), NEC 4404 (CNC).
2-5	MR2 MR3	4 Yrs 2.25	Naval Academy, NROTC	48	1 <sup>st</sup> Sea Tour Billet: Operator/Maintenance Tech. Duty: Ship. Qualification: SW, AW.
1+/-	MRFN MRFA Accession Training	9 Months 6 Months			Recruit Training, A school.
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Notes:

1. MR is a sea centric rating (refer to Sea/Shore Flow front page).
2. MRs are not required to hold a security clearance, however, some billets may have security clearance requirements.
3. In rating shore duty is limited and are normally "A" or "C" school instructors or at IMA/RMCs. Many can expect a tour in Recruiting or as a Recruit Division Commander (RDC).
4. Tours at NPC and BUPERS require screening.
5. NEC information:
  - a. 4402 - Advanced Machinery Repairmen perform calculations using basic algebra and trigonometry to manufacture spur, helical, bevel gears, and worm/worm wheels. Manufacture and repair precision parts from blueprints utilizing tool and cutter grinders, surface grinders, cylinder grinders, universal milling machines, optical comparators, surface finish analyzer, disintegrators, vertical turret lathes, and horizontal boring mills. Understanding the nature and physical properties of metal and alloys with demonstration and practice in metal testing, identification and heat treating.
  - b. 4404 - Computer Numerically Controlled (CNC) Machinist understand the theory and application of Computer Numerically Controlled (CNC) lathes, milling machines and associated equipment utilizing Computer Aided Design (CAD), and Computer Aided Machining (CAM) software.